



# Sony Cyber-shot DSC-HX20V LCD Replacement

Cracked or broken LCD? Replace it!

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## INTRODUCTION

Replacing the LCD is relatively easy and can be done with a 26 Bit Driver Kit and a Prying tool. Consultation with the service manual is recommended (Device schematics start at page 25):

<https://docs.sony.com/release/mdsm/98346...>

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — LCD



- Orient the device so the bottom is facing up, and the lens is facing you ("bottom view").
- ❗ For further reference, consult the service manual. [Link to service manual.](#)

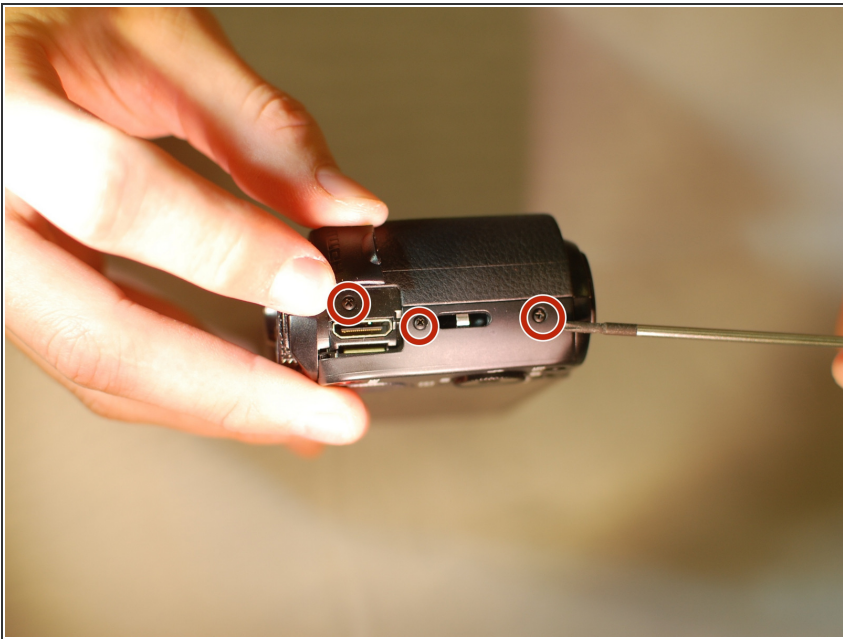
## Step 2



- Remove these two black M1.4 X 3.5 Phillips head screws.
- The third, unmarked screw does not need to be removed at this time.



## Step 3



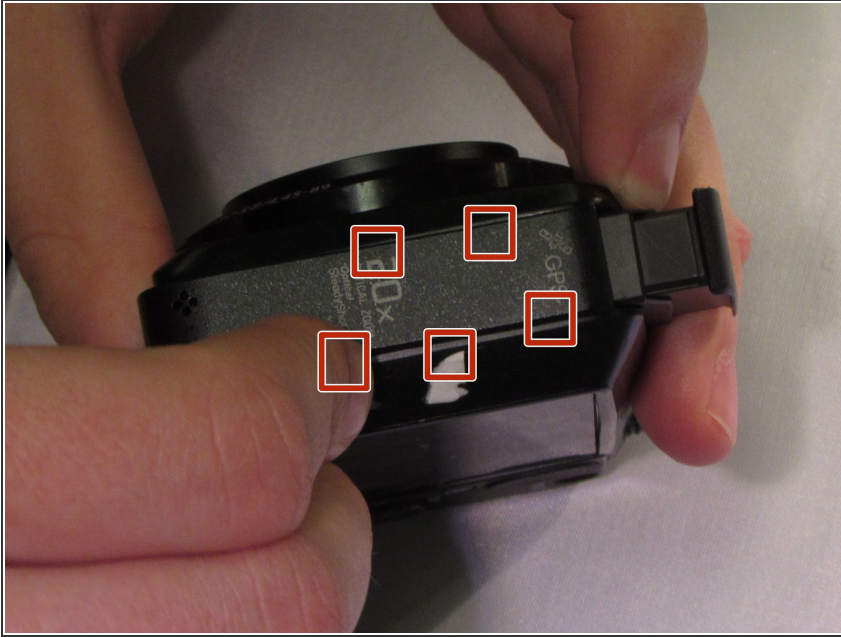
- Orient the device so the LCD is facing you, and the hdmi cover is facing up ("left view").
- Remove these three black M1.4 X 3.5 Phillips head screws.
- ❗ You must lift the hdmi cover to expose one of the screws.

## Step 4



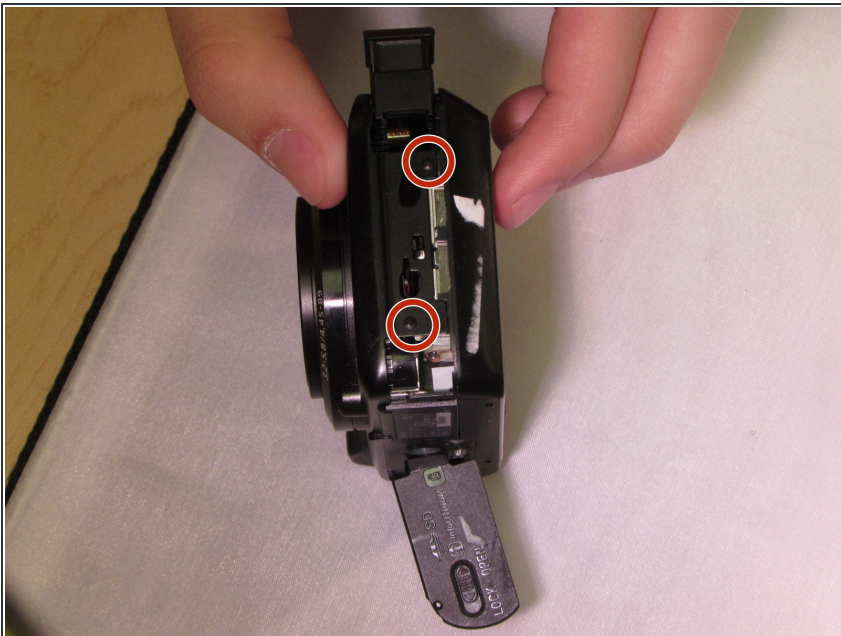
- Orient the device with the Wifi/GPS logo facing up ("right view").

## Step 5



- Use a prying motion and a plastic opening tool to pry the panel up.
- ⓘ Areas under the squares are approximate locations of retaining claws.

## Step 6



- After removing the panel, remove the two black M1.4 X 3.5 Phillips head screws.

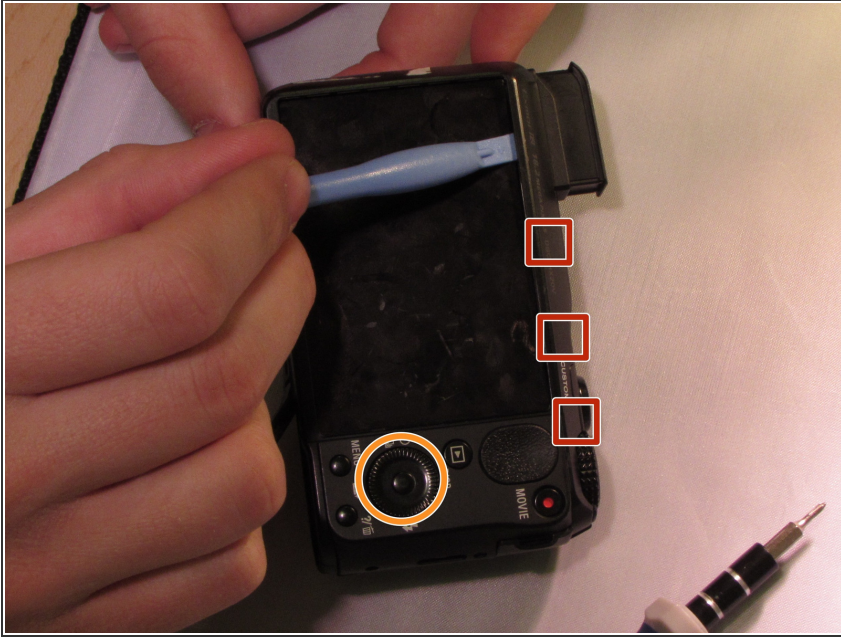
## Step 7



- Orient the device so that the LCD is facing you ("back view").



## Step 8



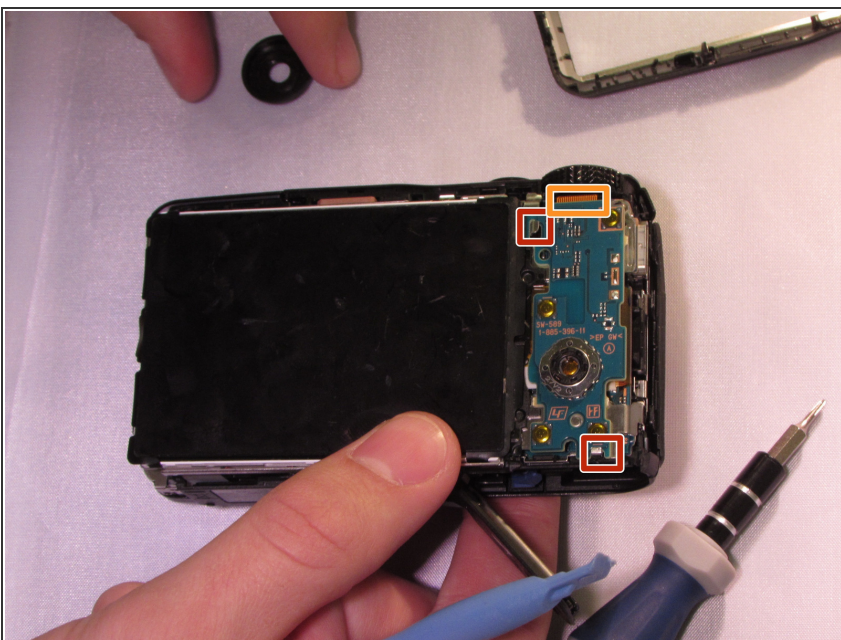
- Use the plastic opening tool with a prying motion, going between the case and the LCD, from the middle of the LCD to the right of the device, undoing the claws retaining the back.

★ When replacing the back cover of the device, ensure the flash module is **UP**.

i The back cover should come off easily but you might hear light snapping or popping.

★ The rotary wheel and button are not secured. They will come loose when the back cover is removed. Set them aside for reassembly

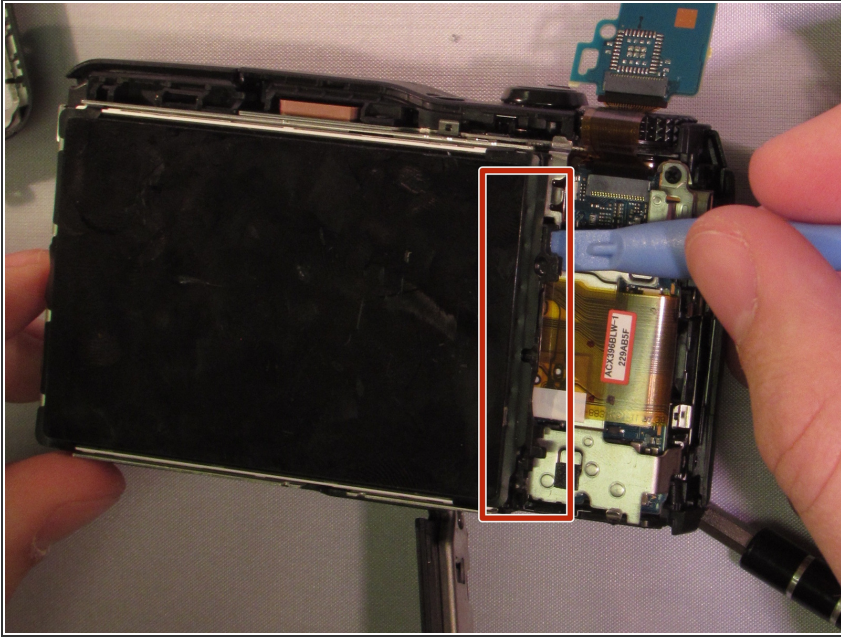
## Step 9



- Unhook the small printed circuit board by gently pressing the board towards the top of the device and lifting up.

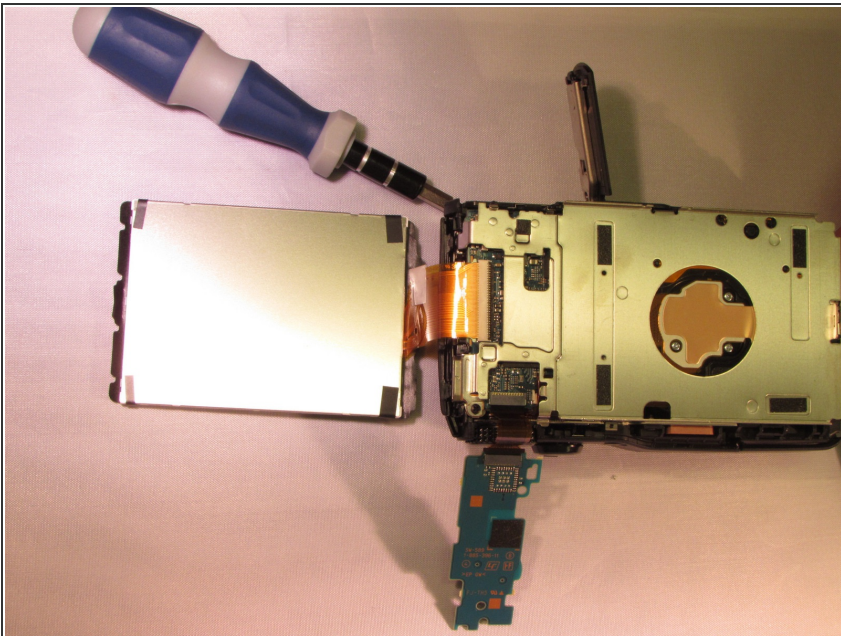
i Note a ribbon cable should be attached at the top. This does not need to be disconnected yet.

## Step 10



- Using a plastic opening tool remove the black LCD retainer clip to the right of LCD.
- ☑ Note the orientation of the black LCD retaining clip and how it comes out of the camera.
- ☑ If in doubt, consult the service manual. (Pages 25-27) [Click to continue to the service manual.](#) This has a reference number of 3 in the linked diagram.

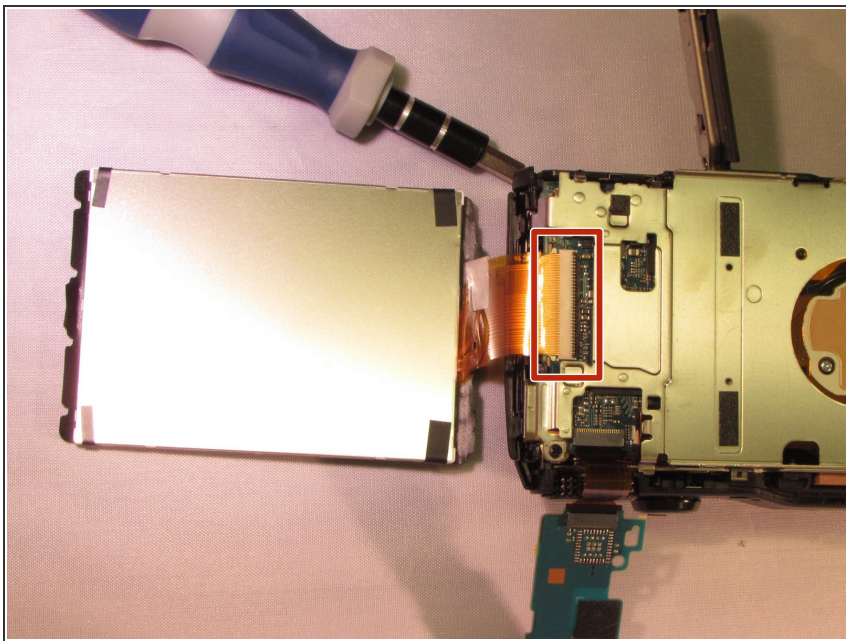
## Step 11



- Use the plastic opening tool to gently lift the LCD from the device
- ⓘ The LCD should be attached to a ribbon cable



## Step 12



- Using the plastic opening tool to lift the black retaining clip up to disengage the ribbon cable. Then gently pull the ribbon cable to remove.
- ⓘ Be careful to not damage the cable.

To reassemble your device, follow these instructions in reverse order.

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